

PATENT ABSTRACTS OF JAPAN

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(71)Applicant : TOSHIBA CORP

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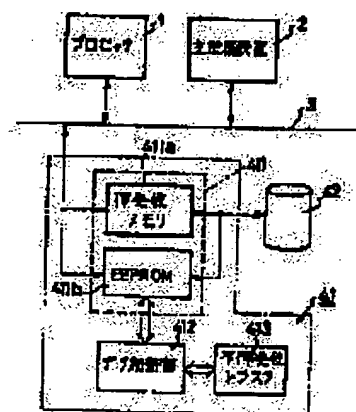
(72)Inventor : OMORI TAKASHI
HIRAYAMA HIDEAKI
SEKIGUCHI KOICHI
MIZUNO SATOSHI
OKUDA YOKO

(54) MAGNETIC DISK DEVICE

(57)Abstract:

PURPOSE: To exactly operate the restoration of the present condition of a magnetic disk main body even at the time of the occurrence of a fault by providing a disk cache.

CONSTITUTION: At the time of receiving a data writing request from a processor 1, a disk controller 41 writes data transmitted from a main storage device 2 through a bus 3 in a nonvolatile memory 411 of a disk cache 411, and sequentially writes the data in an EEPROM 411b based on an address indicated by a nonvolatile register group 413. Then, at the time of the completion of the writing of the data, a data control part 412 stores the number of the blocks of the data written in the EEPROM 411b and information necessary for writing the data in a magnetic disk main body 42 in the nonvolatile register group 413. Then, the disk controller 41 writes the data from the EEPROM 411b in the magnetic disk main body 42, based on the information transmitted from the processor 1.



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